

Zoo Interchange Integrated Corridor Management

PERFORMANCE REPORT

November 2016

(September Performance Data)

September Updates

Events that impacted traffic in September:

Weather Event: On September 7, rain and thunderstorms were present from Midnight to 9:00pm. A total of 1.56 inches of rain fell, making this the largest rain event for the month. Flash flood warnings were issued from 5:54pm to 8:45pm. Six incidents in the Zoo project area were recorded during this weather event. (See page iii)

TIA Incident: The September 23 incident in the Zoo Interchange that closed the (E-N) ramp and all NB lanes on I-41 from 6:00am-9:40am affected the I-41 NB and I-94 WB travel times in the AM. (See pages 2 and 5)

TIA Incident: The September 7 incident on I-41 NB at Watertown Plank Rd closed the right lane from 3:00pm-6:00pm and affected the I-41 NB travel time in the PM. (See page 3)

Construction Closure: The I-94 EB lane closure from Sunnyslope Rd to WIS 100 that started on March 12 continues to affect I-94 EB travel times in the AM and PM (See page 1).

Construction Closure: The I-41 NB lane closure from National Ave to Greenfield Ave that began on April 16 continues to affect I-41 NB and WIS 100 NB travel times in the AM and PM (See page 5).

All data is two months behind the month it is reported as project data sets are not available until 3-4 weeks after the month ends.

Mobility Summary—September

Corridor Average Travel Time measures the average travel time for a peak period against an established travel time threshold. The travel time threshold for arterial roads is 50% of the posted speed limit. The travel time threshold for freeways is the time it takes to travel the segment at 45 mph.

Six segments in September did not meet travel time thresholds:

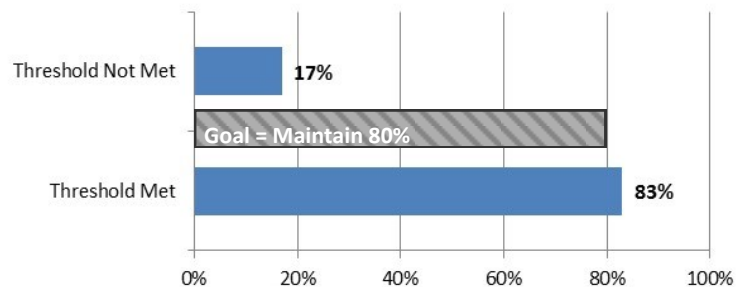
- I-41 SB (Capitol Dr to I-94) Corridor (AM)
- I-41 SB (Capitol Dr to I-94) Corridor (PM)
- I-41 NB (Beloit Rd to I-94) Corridor (AM)
- I-41 NB (Beloit Rd to I-94) Corridor (PM)
- I-94 EB (Barker Rd to 84th St) Corridor (AM)
- I-94 EB (Barker Rd to 84th St) Corridor (PM)

Percent Under Given Speed Threshold measures how many hours during the month peak travel times (AM and PM) speeds are slower than 50% of the posted speed limit for arterial corridors. Because of the varying speed limits on arterial roads, each corridor has a different threshold. Freeways are measured against a speed threshold of 45 mph. The percentage of speeds under the threshold should be less than 50%.

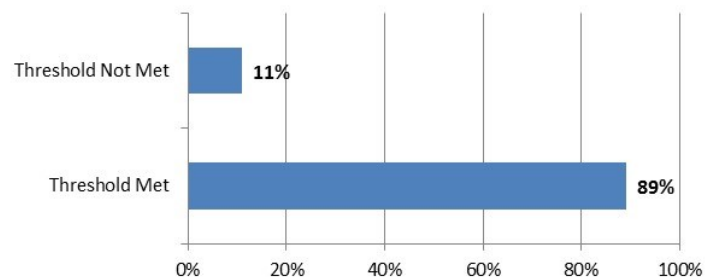
During September, the I-41 NB (Beloit Rd to I-94) and I-94 EB (Barker Rd to 84th St) corridors did not meet the target with 98% and 74% of the speeds less than 45 mph.

The majority of arterial corridors were under 6%, the exceptions being Moorland Rd SB (21%) and WIS 100 (Beloit Rd to I-94) NB (28%).

Corridor Average Travel Time



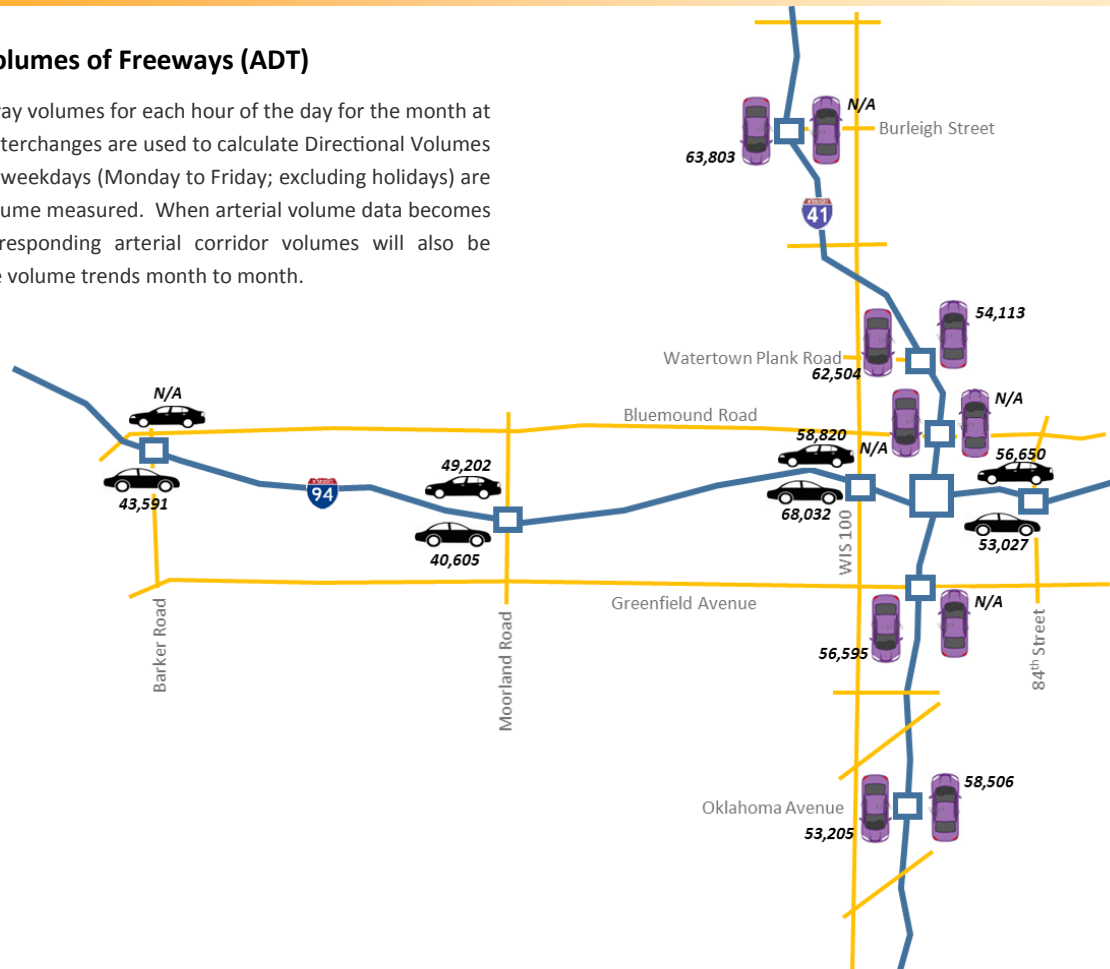
Percent Under Given Speed Threshold



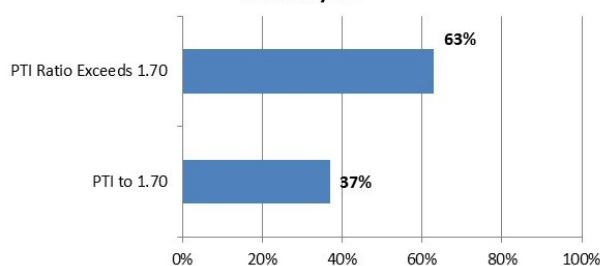
Mobility Summary—September

Directional Volumes of Freeways (ADT)

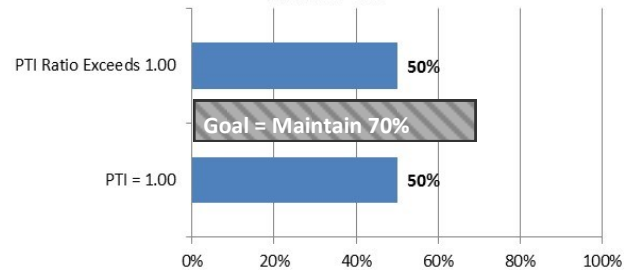
The average freeway volumes for each hour of the day for the month at specific corridor interchanges are used to calculate Directional Volumes of Freeways. Only weekdays (Monday to Friday; excluding holidays) are included in the volume measured. When arterial volume data becomes available the corresponding arterial corridor volumes will also be shown to compare volume trends month to month.



Freeway PTI



Arterial PTI



The Planning Time Index (PTI) metric is the ratio of 95th percentile travel time to: (1) Travel time at 50% of the posted speed limit for arterial corridors, and (2) Travel time at posted speed limit (55 mph and 70 mph) for freeway corridors. This includes both AM and PM peak periods for the month. The minimum ratio is 1.00.

During September, six arterial corridors exceeded the minimum PTI ratio of 1.00: 84th St NB and SB, Moorland Rd SB, WIS 100 NB and SB (Capitol Dr to I-94), and WIS 100 NB (Beloit Rd to I-94). WIS 100 SB (from Capitol Dr to I-94) congestion is related to recurring congestion on I-41 SB for this same segment in the afternoon. WIS 100 NB (Beloit Rd to I-94) was affected by the lane closure on I-41 NB.

All freeway corridors exceeded the minimum PTI ratio of 1.00 in September. The five corridors that had the greatest ratio were I-41 NB (Beloit Rd to I-94), I-41 SB (Capitol Dr to I-94), I-94 EB/I-94 WB from Zoo to Stadium, and I-94 EB (Barker Rd to 84 St). See page 12 for all PTI ratios.

September Events

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---|--|--|---|---|
| | | | 1 ■ First day of school (Milwaukee, West Allis, Wauwatosa) ■ 11:39pm(8/31)-12:26am: I-94 WB at 70th St (two left lanes closed) | 2 ■ Power outage on I-41 at Lincoln Ave |
| 5 ■ Labor Day Holiday ■ Brewers Game-12:10pm ■ 2:32pm-2:34pm: I-41 SB Off Ramp to Watertown Plank Rd (lanes affected unknown) ■ 2:55pm-4:52pm: I-94 EB at Moorland Rd (two left lanes closed) | 6 ■ Brewers Game-7:10pm ■ By 5:30am: Long-term closure of National Ave entrance ramp to I-41/894 SB ■ Overnight: I-41 NB between Bluemound Rd and Watertown Plank Rd (traffic switch) ■ 4:04pm-4:24pm: I-41 SB at WIS 100 (lanes affected unknown) | 7 ■ Brewers Game-7:10pm ■ Rain (Midnight-8:00pm, 1.56 in, T-Storm) ■ 5:54pm-8:45pm: Flash Flood Warning ■ 7:34am-8:25am: I-94 EB at Mitchell Blvd (lanes affected unknown) ■ 11:20am-1:15pm, 4:43pm-6:01pm: WIS 100 NB/SB south of Oklahoma (all lanes closed) ■ 3:15pm-3:57pm: Bluemound Rd EB at 84th St (right lane closed) and 84th St NB at Bluemound Rd (two right lanes closed) | 8 ■ Rain (5:00am-6:00am, Trace) ■ 10:03pm-10:49pm: I-94 WB at WIS 100 (right lane closed) and Zoo Int SW and NW system ramps (ramps closed) 7th Continued Below ■ 3:15pm-4:15pm: WIS 100 NB at Greenfield Ave (two left lanes closed) and Greenfield Ave EB at WIS 100 (left-turn bay closed) ■ 3:07pm-5:56pm: I-41 NB @Watertown Plank Rd (right lane closed) ■ 3:43pm-4:20pm: Bluemound Rd EB at WIS 100 (right left-turn bay closed) | 9 ■ Indian Summer—Henry Maier Festival Park ■ 11:09am-11:14am: Zoo Int SW system ramp (ramp closed) |
| 12 ■ By 9:00pm (9/11): WIS 100 SB long-term closure at south of North Ave (right lane closed) | 13 ■ Rain (8:00am-Noon, Trace) | 14 ■ Rain (3:00am-4:00am, 0.01 in) ■ Overnight: I-94 WB between the core and WIS 100 (traffic switch) ■ 10:23am-11:08am: I-41 NB at Watertown Plank Rd (right lane closed) and Zoo Int E-N system ramp (ramp closed) | 15 ■ Rain (5:00pm-8:00pm, 0.05 in, T-Storm) | 16 ■ Overnight: I-41 NB between Bluemound and Watertown Plank Rd (traffic switch) |

September Events

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---|---|---|--|--|
| 19 ■ Rain(5:00pm-Midnight, 0.66 in, T-Storm) ■ By 8am (9/17): I-41 NB right lane long-term closure reopened between Bluemound Rd and Watertown Plank Rd ■ 8:15pm-9:27pm: I-94 EB at WIS 100 (left lanes closed) ■ 10:40pm-1:19am: I-41 NB at North Ave (left lane closed) | 20 ■ Brewers Game-7:10pm | 21 ■ Brewers Game-7:10pm ■ Rain (5:00am-1:00pm, 0.69 in, T-Storm) | 22 ■ Brewers Game-7:10pm ■ Milwaukee Film Festival ■ Rain and Fog (4:00am-8:00am, Trace) ■ 11:40pm-12:27pm: I-94 WB at west of the core (left lane closed) | 23 ■ Brewers Game-7:10pm ■ Milwaukee Film Festival ■ Rain (9:00am-Noon, 0.03 in) ■ Overnight: I-94 EB between WIS 100 and the core (traffic switch) ■ 5:59am-9:40am: I-41 NB at the Zoo Int (full closure) and Zoo Int E-N system ramp (ramp closed) |
| 26 ■ Milwaukee Film Festival ■ By 6:00am: Watertown Plank Rd WB long-term closure between Discovery Blvd/95th St and I-41 (right lane closed) ■ By 6:00am: Watertown Plank Rd EB long-term closure between Swan Blvd/Innovation Dr and I-41 (right lane closed) ■ 7:40am-8:14am: WIS 100 SB at Wisconsin Ave (two left lanes closed, left-turn bay closed) | 27 ■ Milwaukee Film Festival ■ Rain (5:00pm-Midnight, 0.04 in) ■ By 5:30am: National Ave entrance ramp to I-41/894 SB long-term closure reopened ■ 5:34am-6:17am: I-94 WB at 76th St (lanes affected unknown) | 28 ■ Milwaukee Film Festival ■ Rain (Midnight-6:00am, 0.03 in) | 29 ■ Milwaukee Film Festival ■ Rain (3:00pm-7:00pm, Trace) ■ Overnight: WIS 100 SB at south of North Ave (traffic switch) ■ 1:30pm-2:04pm: Zoo Int E-N system ramp (ramp closed) | 30 ■ Milwaukee Film Festival ■ Rain (6:00am-Noon & 5:00pm-Midnight, 0.57 in) ■ By 4:30pm: WIS 100 SB long-term closure reopened at I-41/south of North Ave ■ Overnight: I-41 SB between Watertown Plank Rd and the core (traffic switch) ■ 6:46am-7:42am: I-41 NB at Lincoln Ave (left lane closed) ■ 7:20am-7:52am: I-41 NB at the core/ Zoo Int S-N system ramp (left lane closed) |

Noteworthy from the calendar is that an incident on September 23 affected I-94 WB and I-41 NB traffic heading into the Zoo Interchange. The rain event, with thunderstorms and flash floods, on September 7 may have contributed to six recorded incidents in the Zoo project area.

■ Lane Closure
 ■ Special Events
 ■ Weather
 ■ Recorded Incidents



ZOO INTERCHANGE ICM PERFORMANCE MEASURES

Performance and Trends - September 2016

Network Health Summary—September

| | <i>Previous Month</i> | <i>Current Month</i> | <i>Target</i> | <i>Target Met</i> |
|---|-----------------------------|----------------------|---------------|-------------------|
| DEVICE FAILURE IMPACT | | | | |
| <i>CCTV</i> | 2-High 2-Medium 3-Low | 5-Medium 2-Low | <5 | |
| <i>DMS</i> | 1-Medium 2-Low | 2-Low | <5 | ✓ |
| <i>Ramp Meter</i> | 2-High 4-Medium | 1-High 5-Medium | <5 | |
| <i>Bluetooth</i> | 0 | 0 | <5 | ✓ |
| <i>Signal</i> | 0 | 0 | <5 | ✓ |
| MAJOR COMMUNICATION FAILURE IMPACT | None for August | None for September | | |
| DEVICE COMMUNICATION AVAILABILITY | | | | |
| <i>CCTV</i> | 100% | 100% | 90% | ✓ |
| <i>DMS</i> | 94% | 95% | 90% | ✓ |
| <i>Bluetooth</i> | 100% | 96% | 90% | ✓ |
| <i>Signal</i> | 98% | 96% | 90% | ✓ |

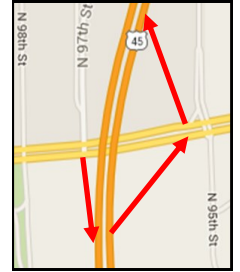
September Construction Events

LONG TERM CLOSURES

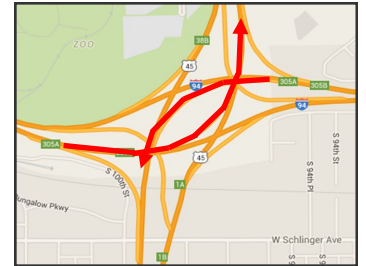
Full Closure: Bluemound Rd Entrance Ramp to I-41 NB (Closed until late December 2016)

Full Closure: I-41 NB Exit Ramp to Bluemound Rd (Closed until late April 2018)

Full Closure: Bluemound Rd Entrance Ramp to I-41 SB (Closed until late August 2017)



Full Closure: Zoo Interchange WB to SB System Ramp (Closed until late November 2017)



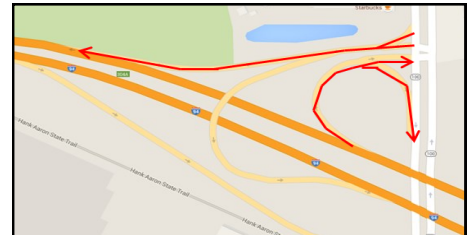
Full Closure: Zoo Interchange EB to NB System Ramp (Closed until late Spring 2017)

Lane Closure: WIS 100 Entrance Ramp to I-94 WB (TBD)

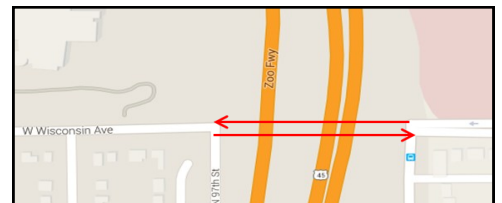
Full Closure: I-94 WB Exit Ramp to WIS 100 NB (Closed until late November 2017)

I-94 WB Exit Ramp to WIS 100 SB

From I-94 WB and I-41 NB (Closed until late November 2017)



Full Closure: Wisconsin Ave EB & WB (95th St to 97th St) (Closed until late May 2017)

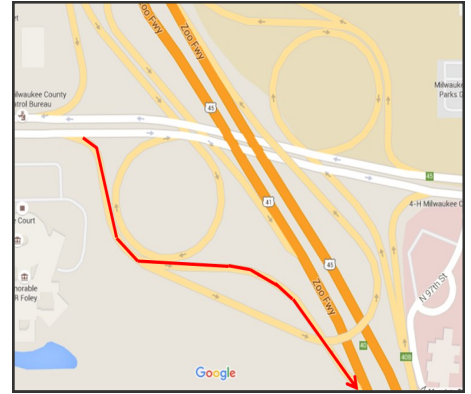


September Construction Events

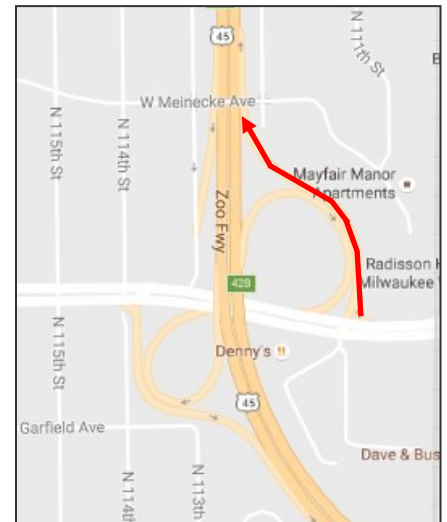
LONG TERM CLOSURES

Lane Closure: Watertown Plank Rd EB Entrance Ramp to I-41 SB

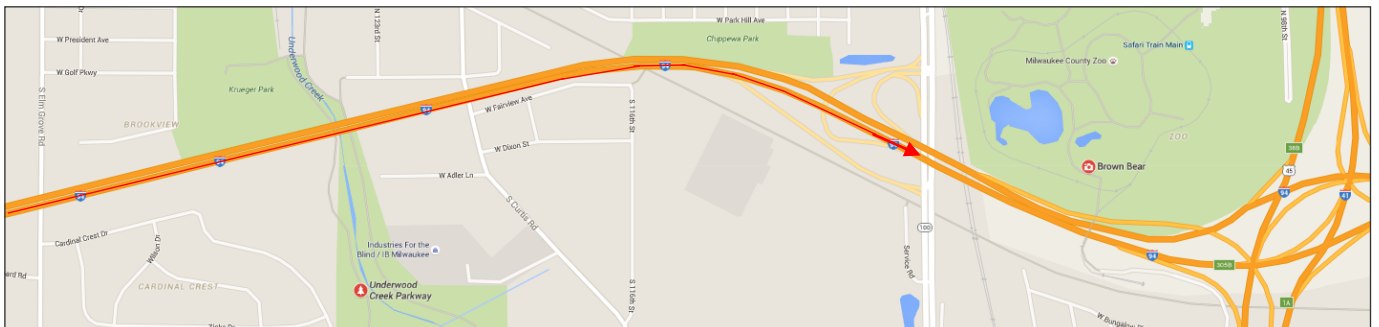
(No access to the Zoo SB to EB system ramp) (Closed until June 2017)



Lane Closure: North Avenue Entrance Ramp to I-41 NB (Closed until late Fall 2016)



Lane Closure: I-94 EB from Sunnyslope Rd to WIS 100 (Closed until November 2016)



September Construction Events

LONG TERM CLOSURES

Full Closure: Greenfield Ave Entrance Ramp to I-41/894 NB (Closed until November 2016)

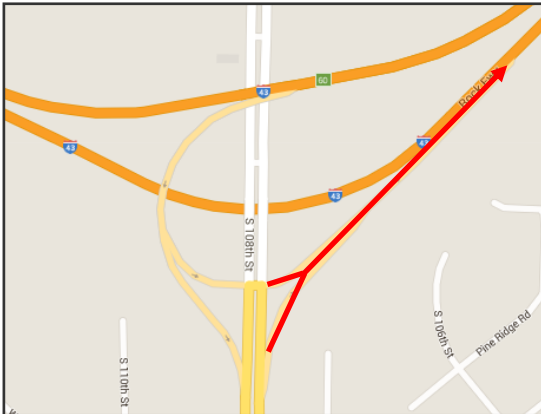
Full Closure: Lincoln Ave Entrance Ramp to I-41/894 NB (Closed until November 2016)

Full Closure: National Ave Entrance Ramp to I-41/894 NB (Closed until November 2016)

Lane Closure: I-41/894 NB from National Ave to Greenfield Ave (Closed until November 2016)

Full Closure: National Ave Entrance Ramp to I-41/894 SB (Closed until September 27, 2016)

Full Closure: WIS 100 Entrance Ramp to I-43 (to I-41/894 NB) (Closed until November 2016)





ZOO INTERCHANGE ICM PERFORMANCE MEASURES

Performance and Trends - September 2016

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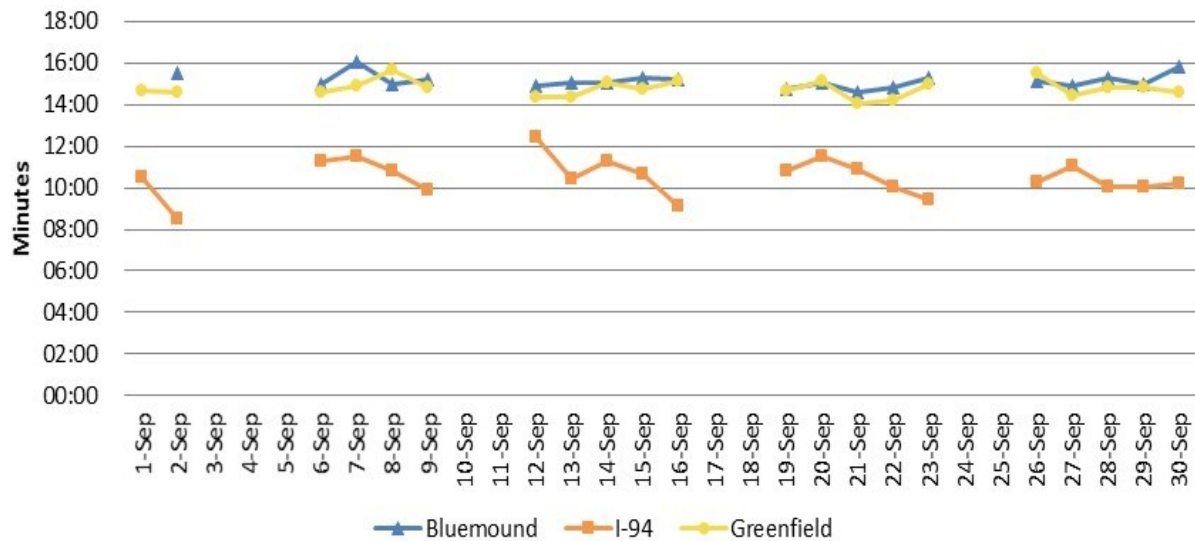
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CORRIDOR AVERAGE TRAVEL TIME

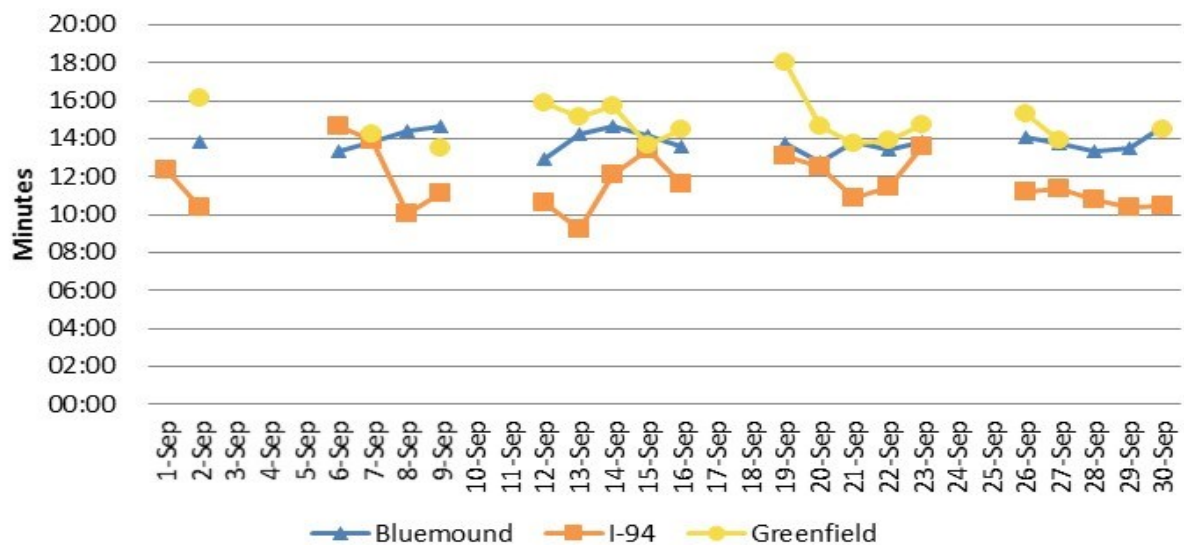
Barker Road to 84th Street (Eastbound)

AM



Barker Road to 84th Street (Eastbound)

PM

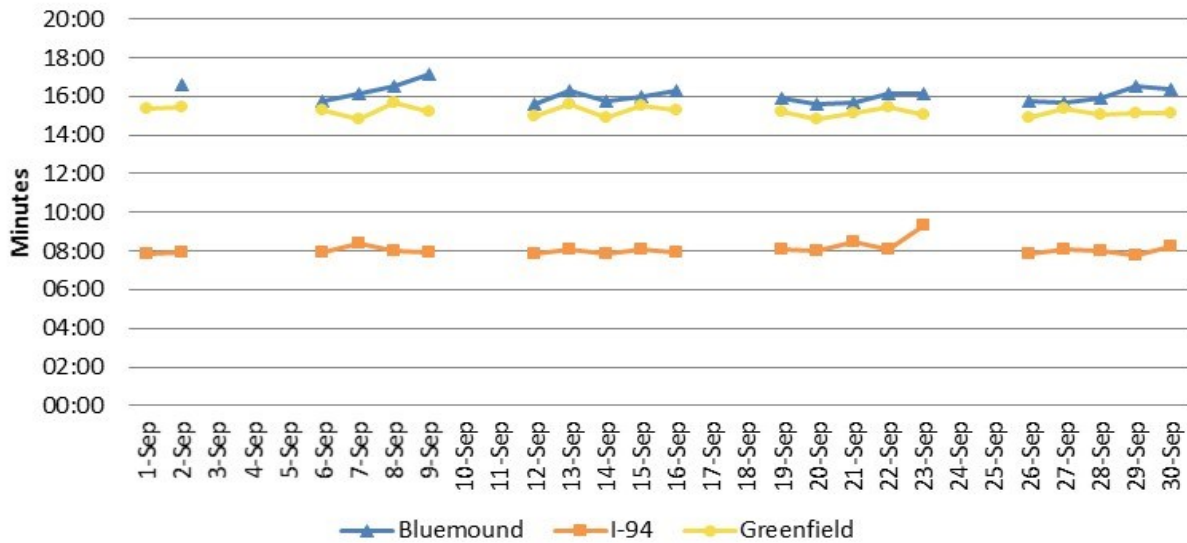


Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

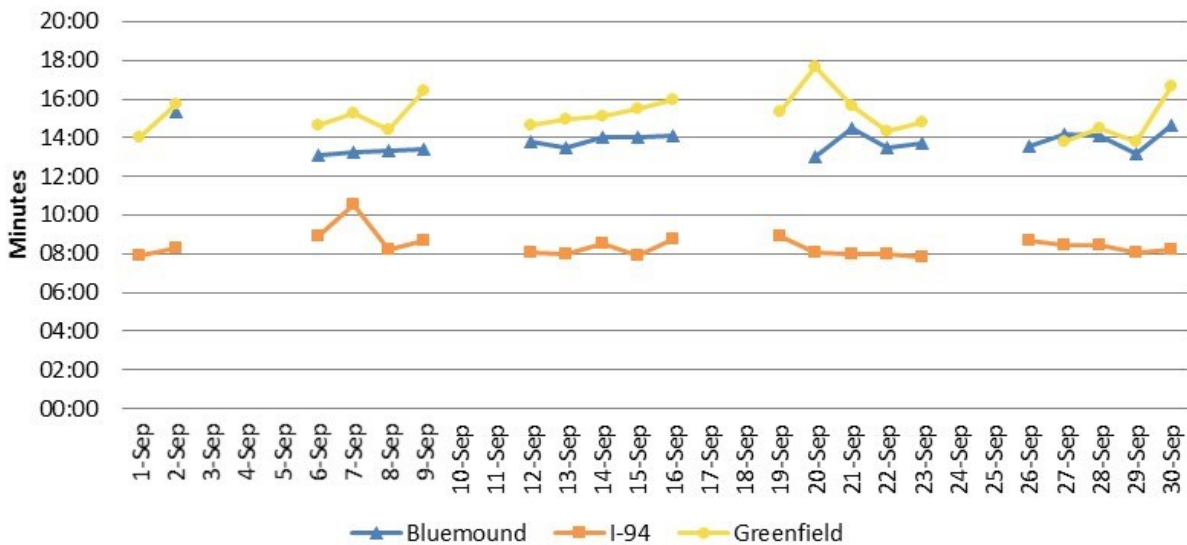
84th Street to Barker Road (Westbound)

AM



84th Street to Barker Road (Westbound)

PM

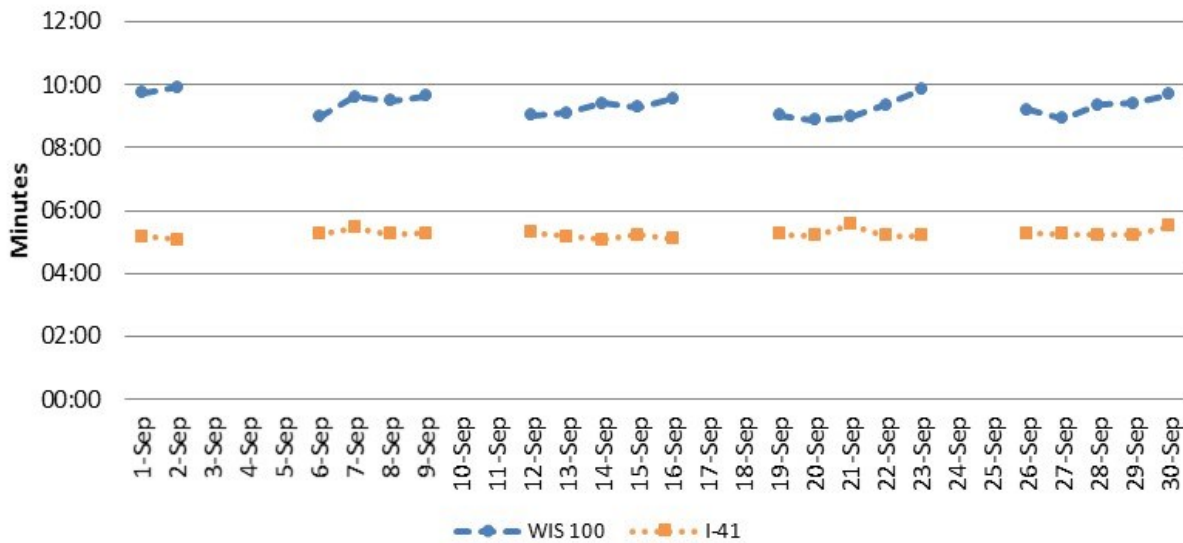


Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

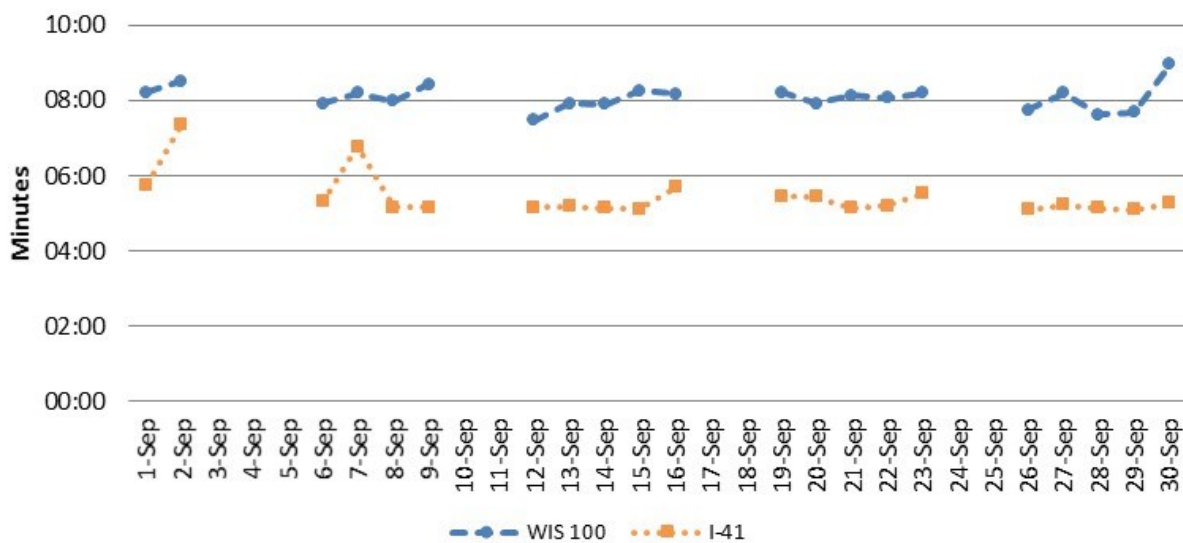
NORTH LEG - I-94 to Capitol Drive (NB)

AM



NORTH LEG - I-94 to Capitol Drive (NB)

PM

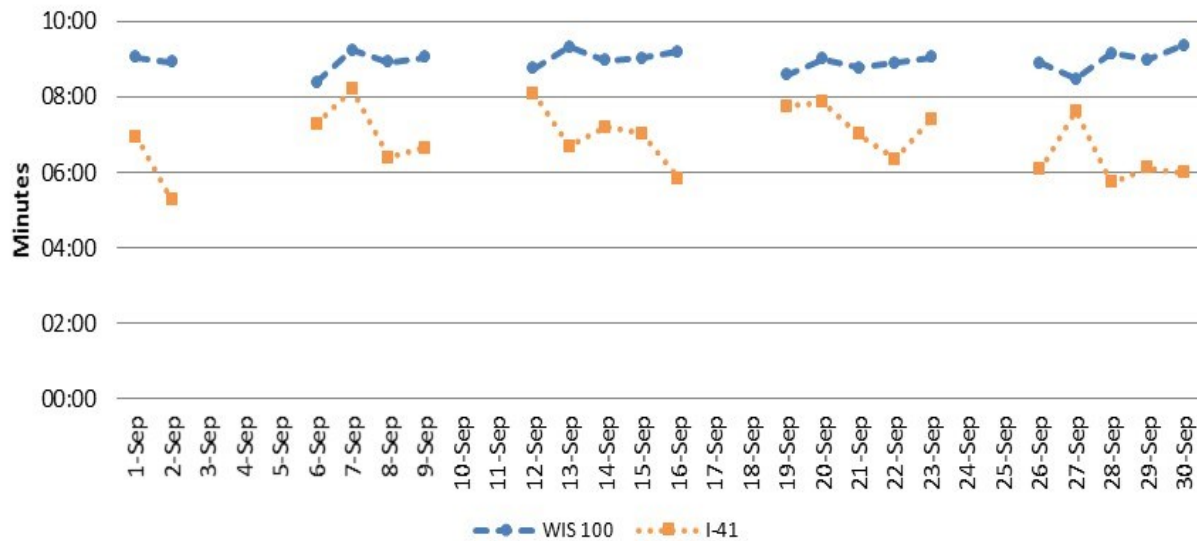


Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

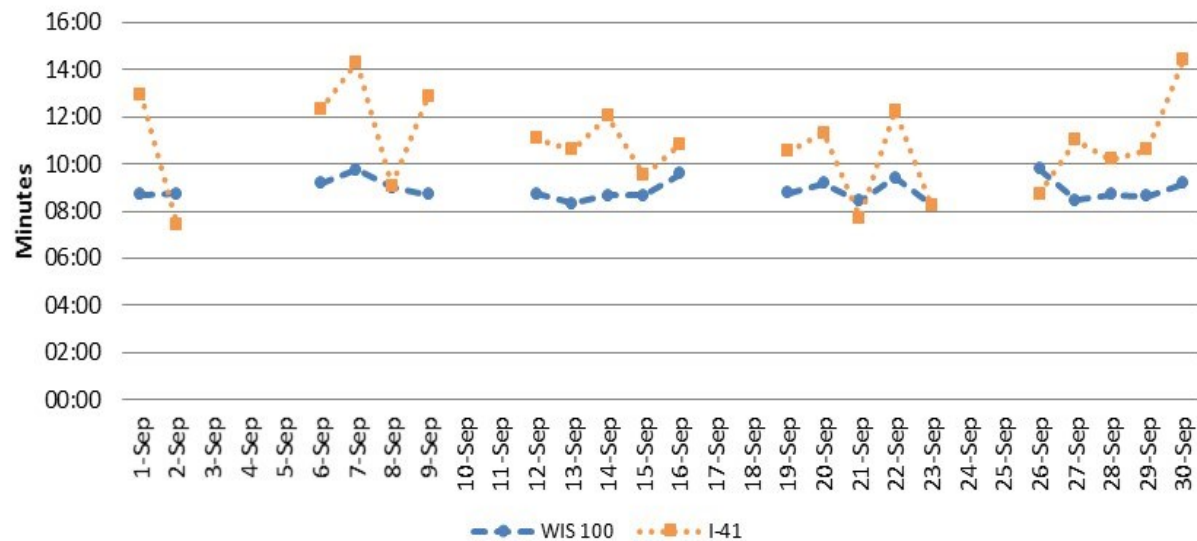
NORTH LEG - Capitol Drive to I-94 (SB)

AM



NORTH LEG - Capitol Drive to I-94 (SB)

PM

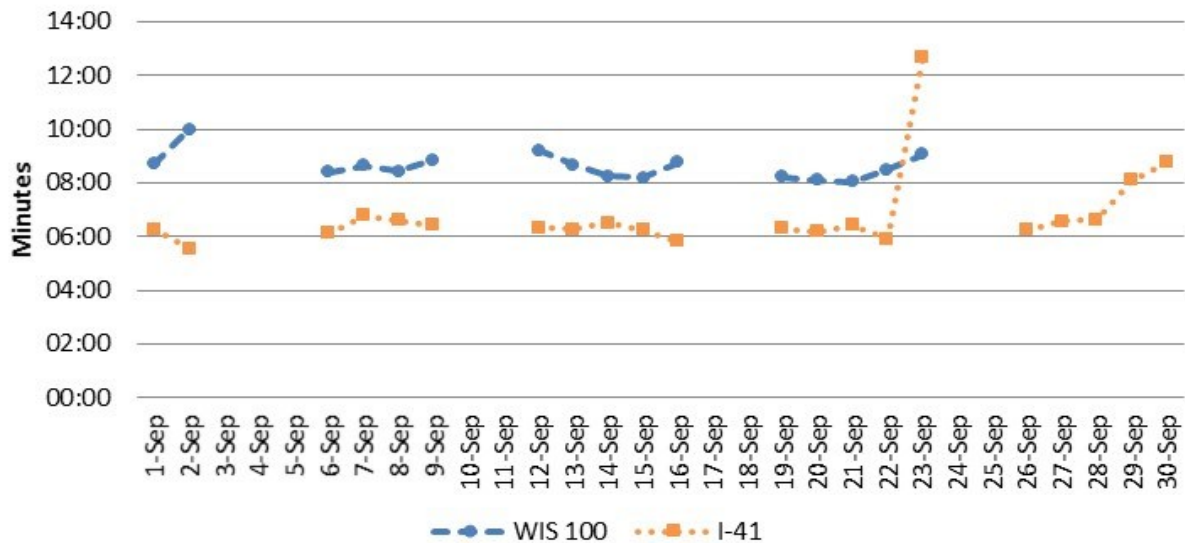


Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

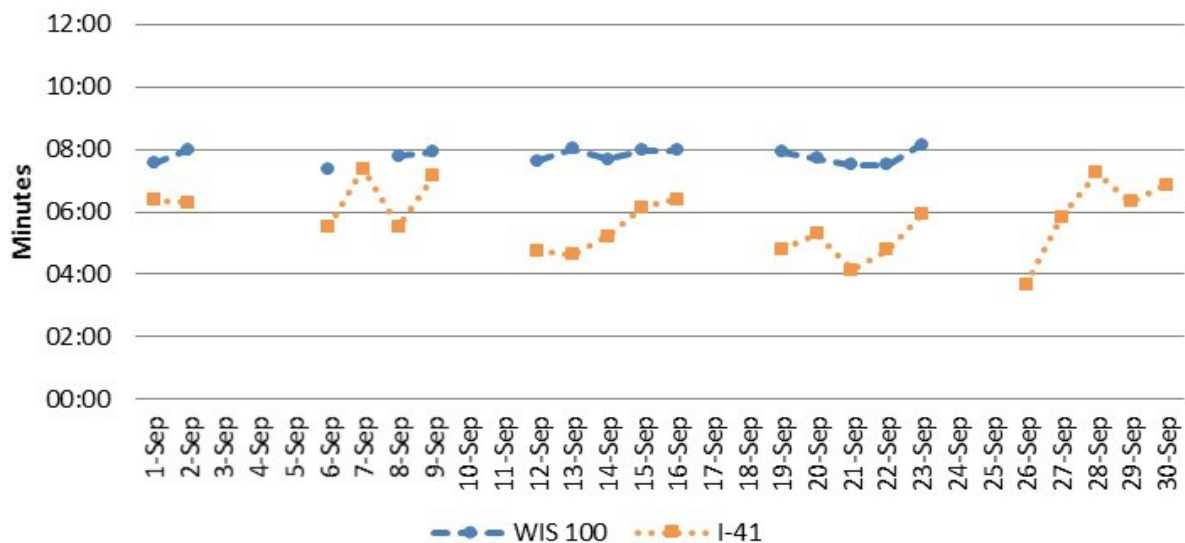
SOUTH LEG - Beloit Road to I-94 (NB)

AM



SOUTH LEG - Beloit Road to I-94 (NB)

PM

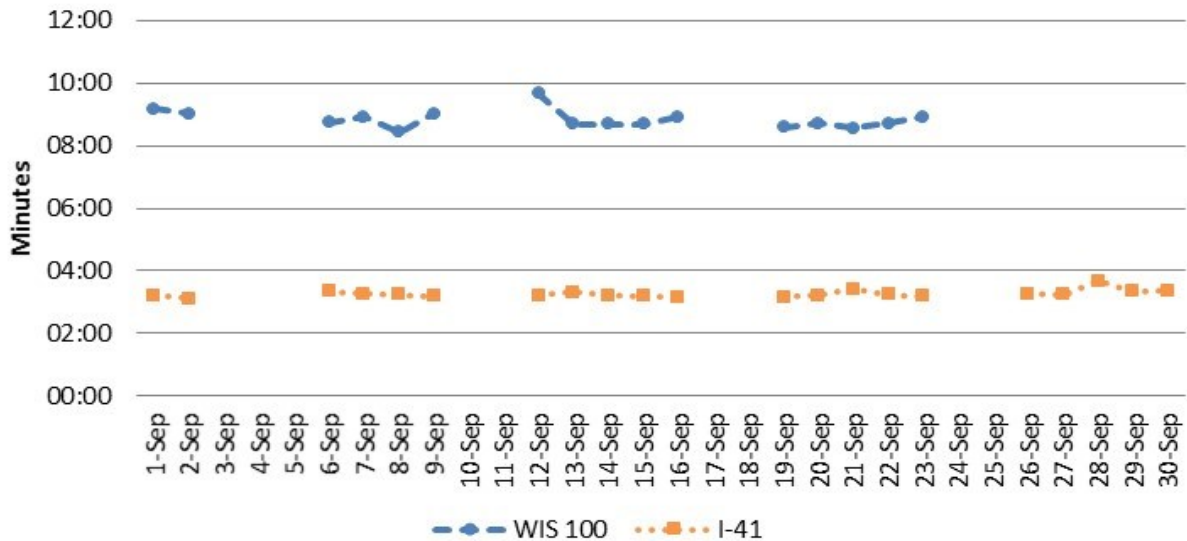


Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME

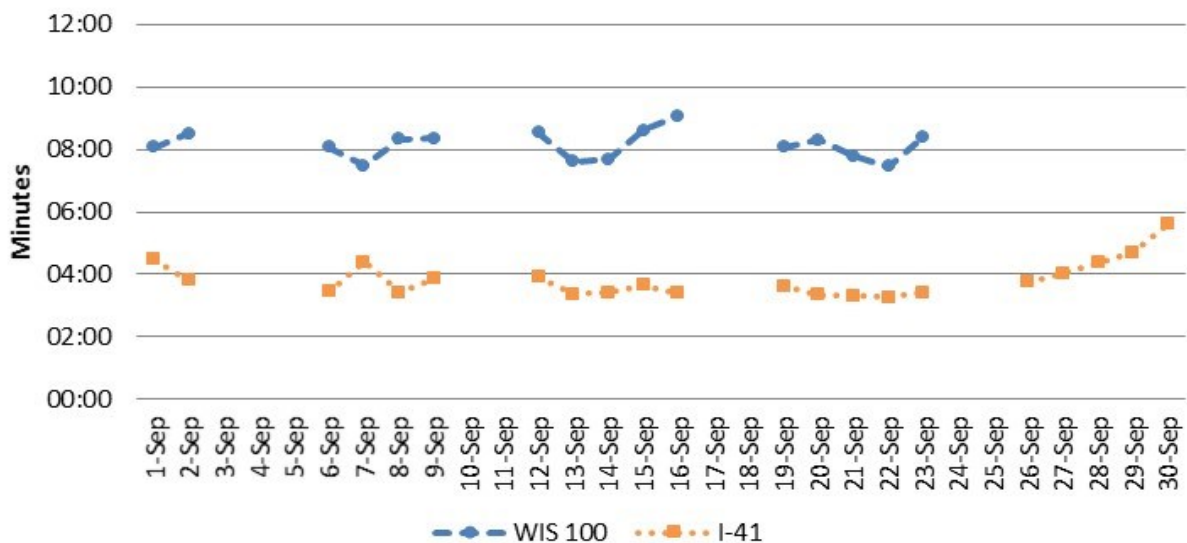
SOUTH LEG - I-94 to Beloit Road (SB)

AM



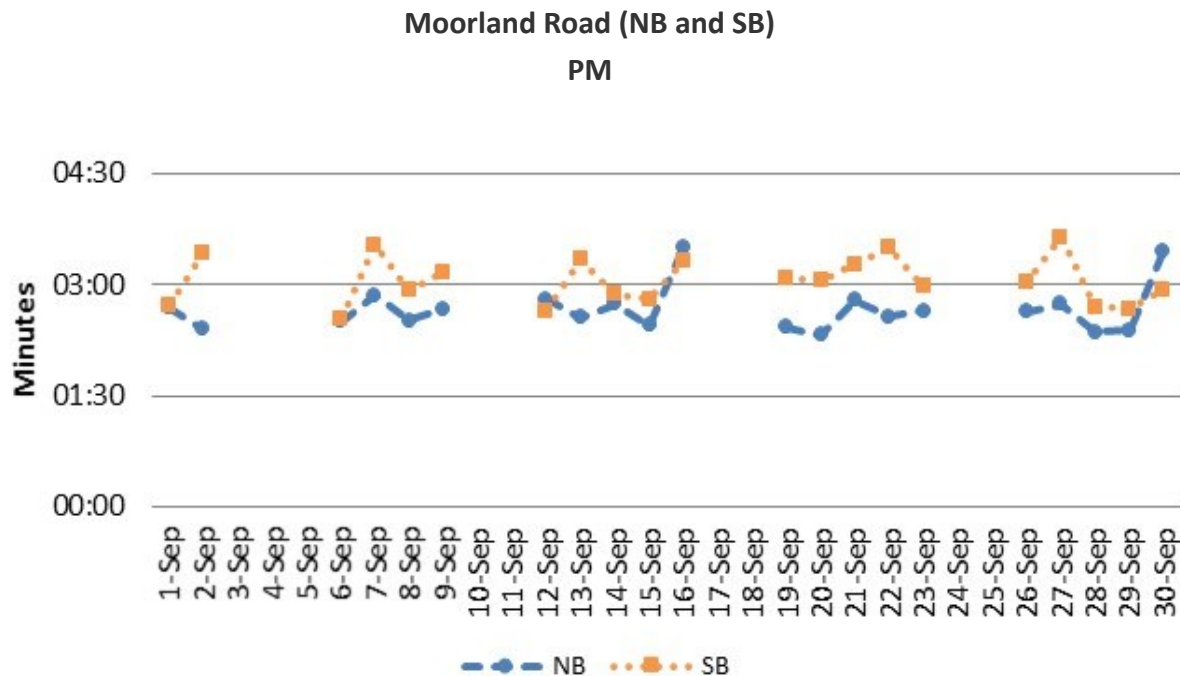
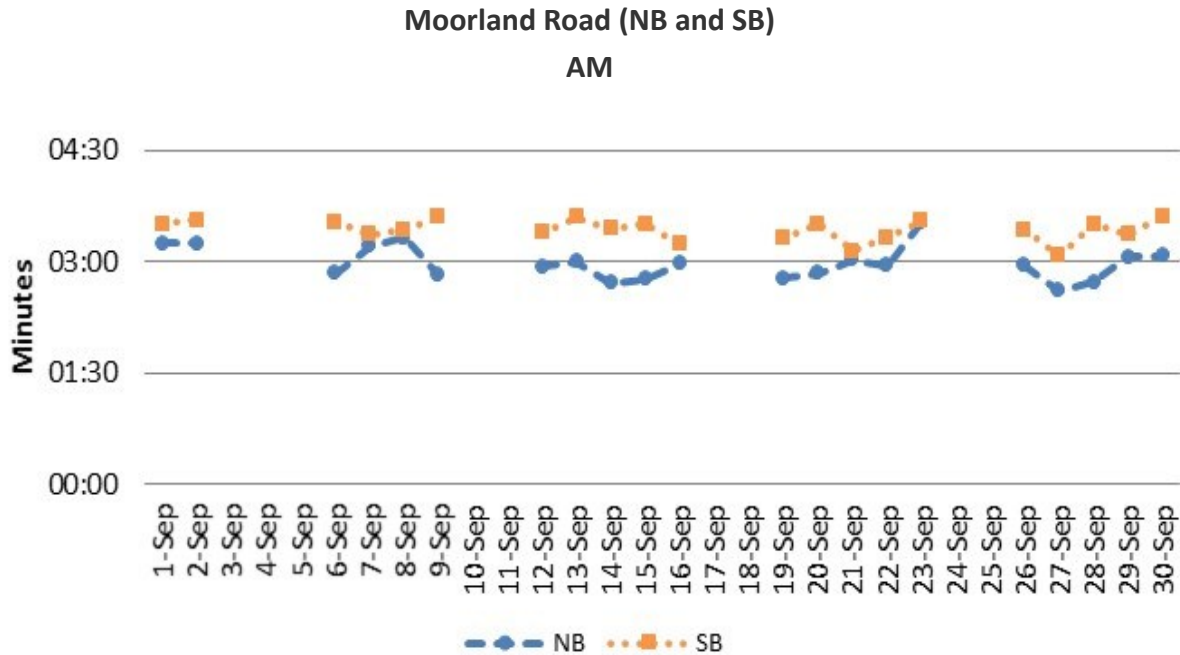
SOUTH LEG - I-94 to Beloit Road (SB)

PM



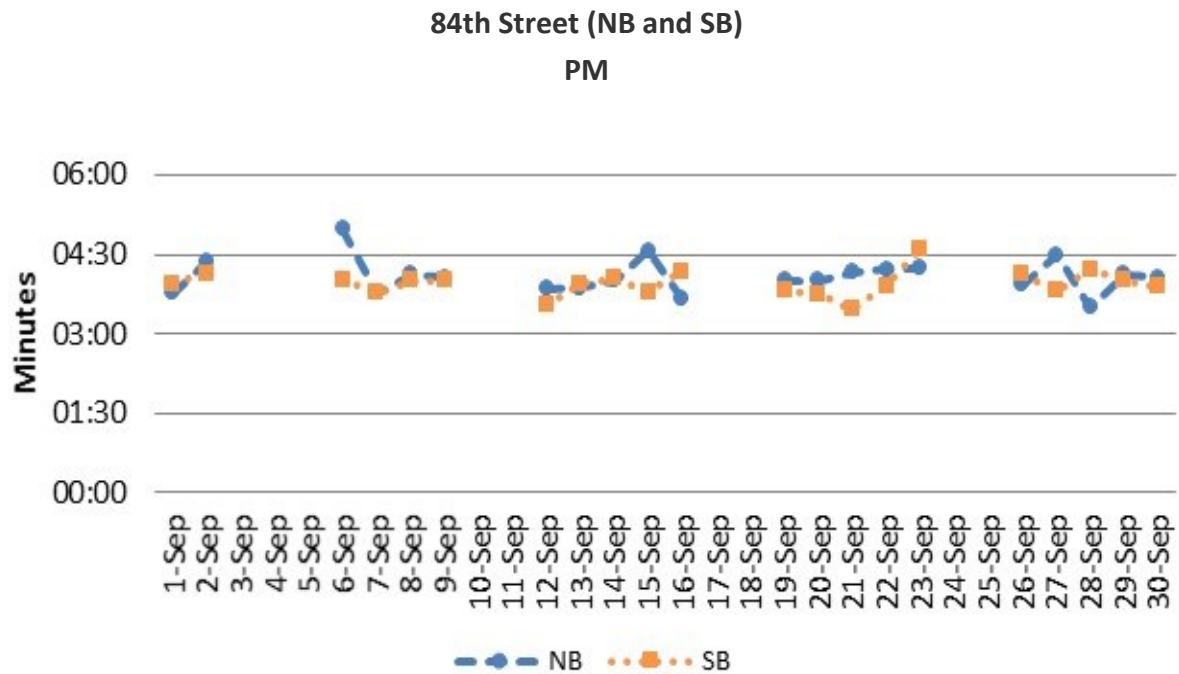
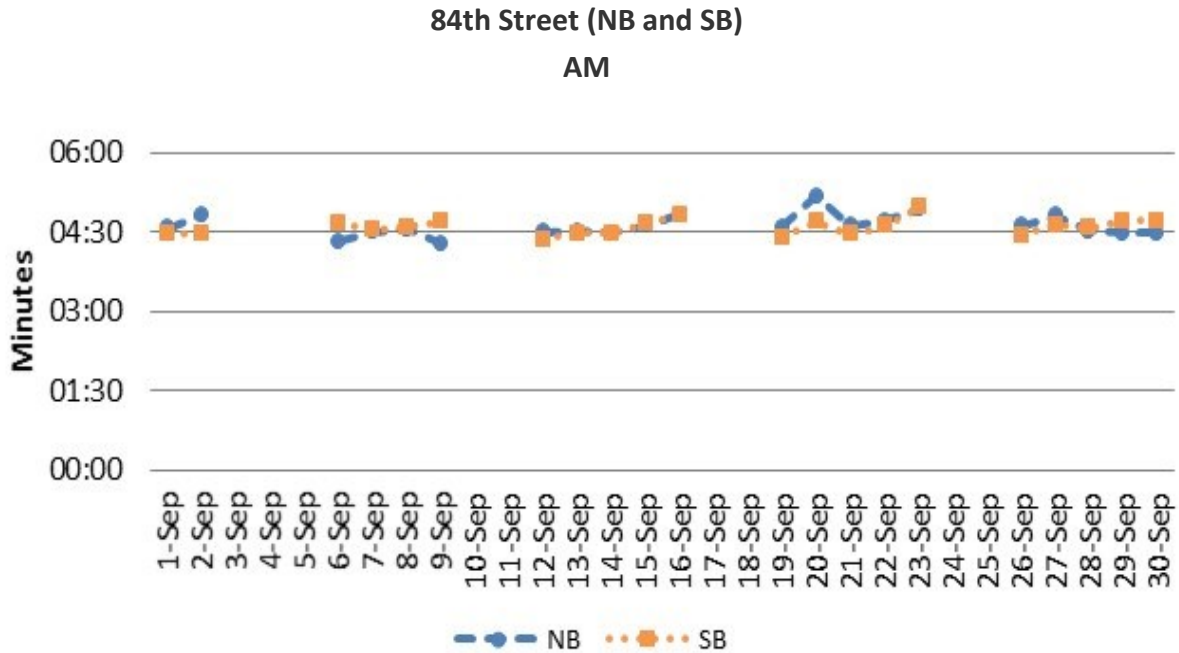
Notes: AM (6am to 9am) and PM (3pm to 6pm)

CORRIDOR AVERAGE TRAVEL TIME



Notes: AM (6am to 9am) and PM (3pm to 6pm)

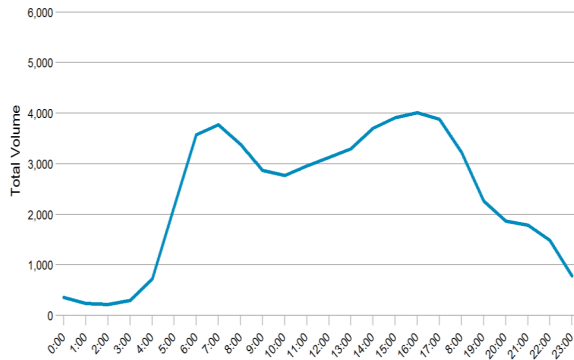
CORRIDOR AVERAGE TRAVEL TIME



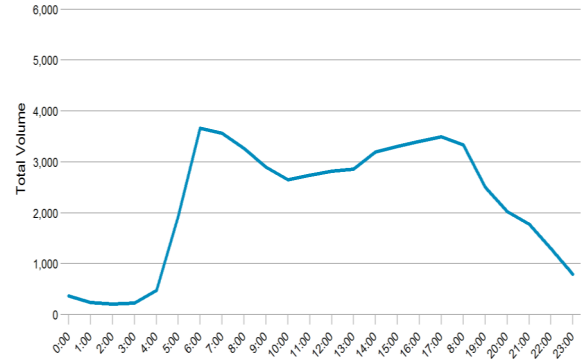
Notes: AM (6am to 9am) and PM (3pm to 6pm)

DIRECTIONAL VOLUMES—FREEWAYS

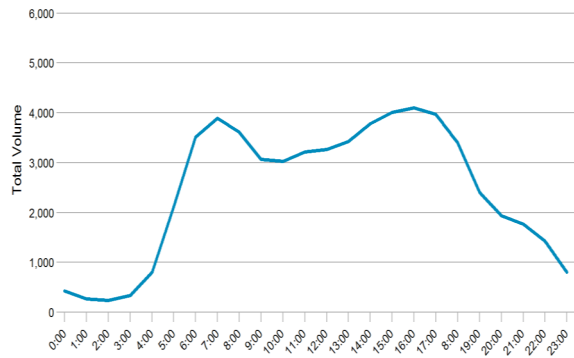
I-94 at 84th Street WB



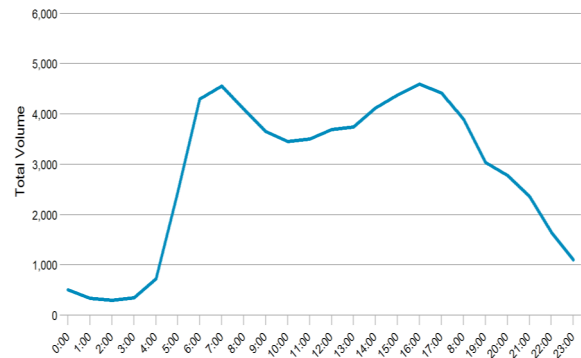
I-94 at 84th Street EB



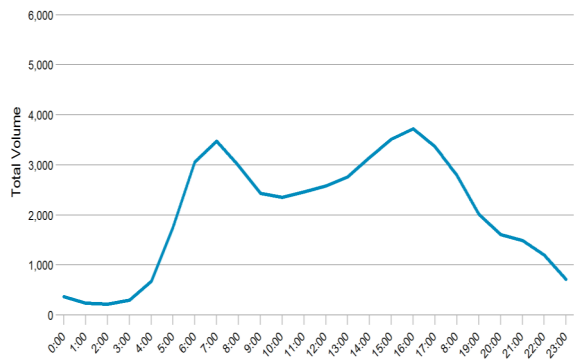
I-94 at WIS 100 WB



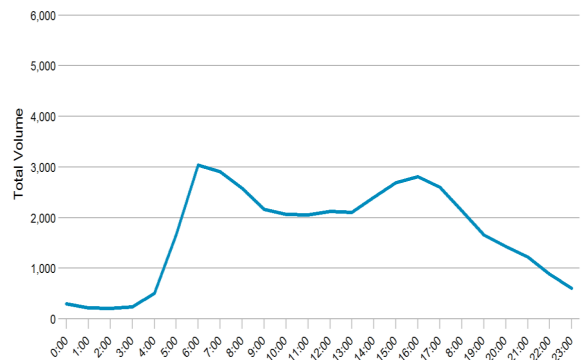
I-94 at WIS 100 EB



I-94 at Moorland Road WB



I-94 at Moorland Road EB



Notes: Volumes are an average of weekday volumes (Monday through Friday). No holidays.

DIRECTIONAL VOLUMES—FREEWAYS

I-41 at Bluemound Road NB

No Data Available

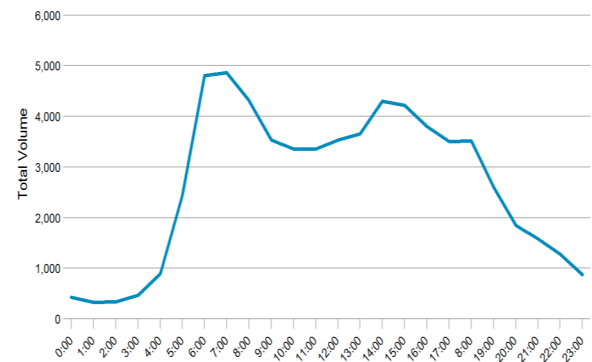
I-41 at Bluemound Road SB

No Data Available

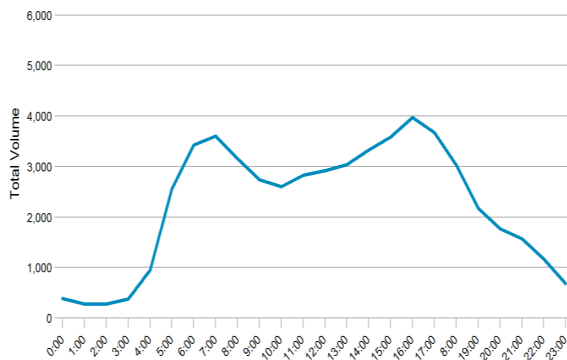
I-41 at Burleigh Street NB

No Data Available

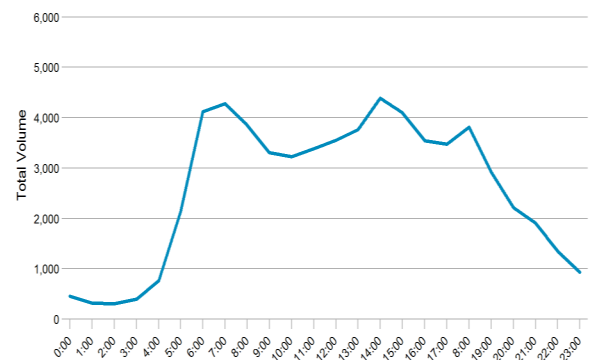
I-41 at Burleigh Street SB



I-41 at Watertown Plank Road NB



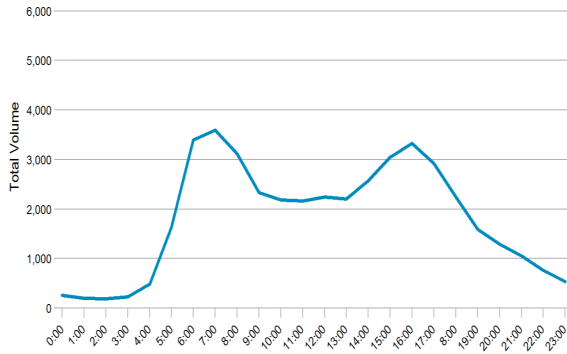
I-41 at Watertown Plank Road SB



Notes: Volumes are an average of weekday volumes (Monday through Friday). No holidays.

DIRECTIONAL VOLUMES—FREEWAYS

I-94 at Barker Road EB



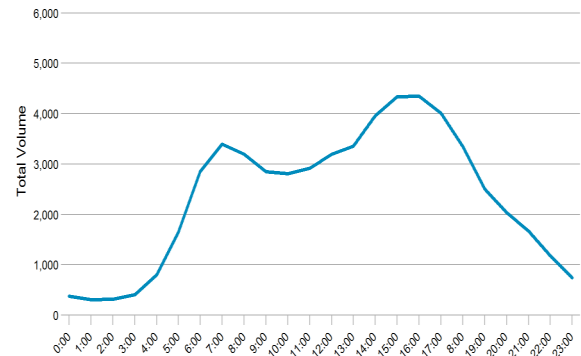
I-94 at Barker Road WB

No Data Available

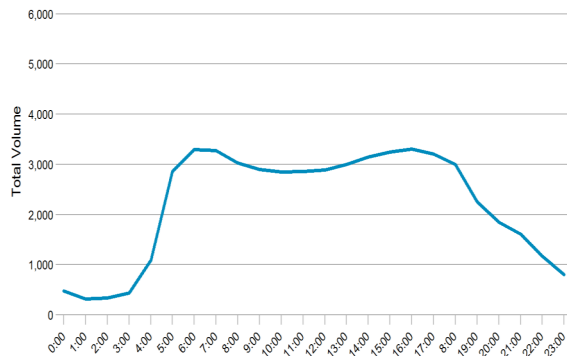
I-41 at Greenfield Avenue NB

No Data Available

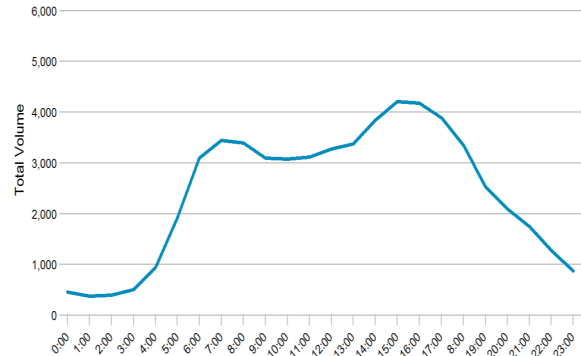
I-41 at Greenfield Avenue SB



I-41 at Cleveland Avenue NB

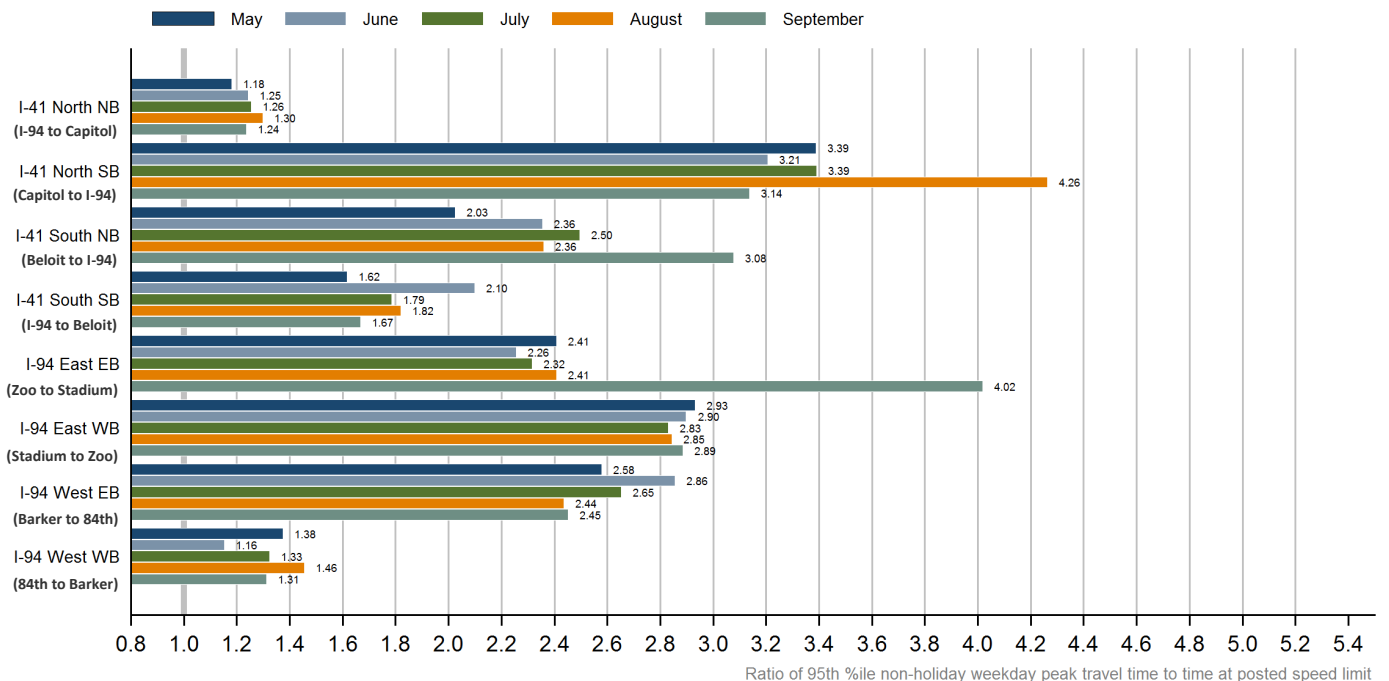
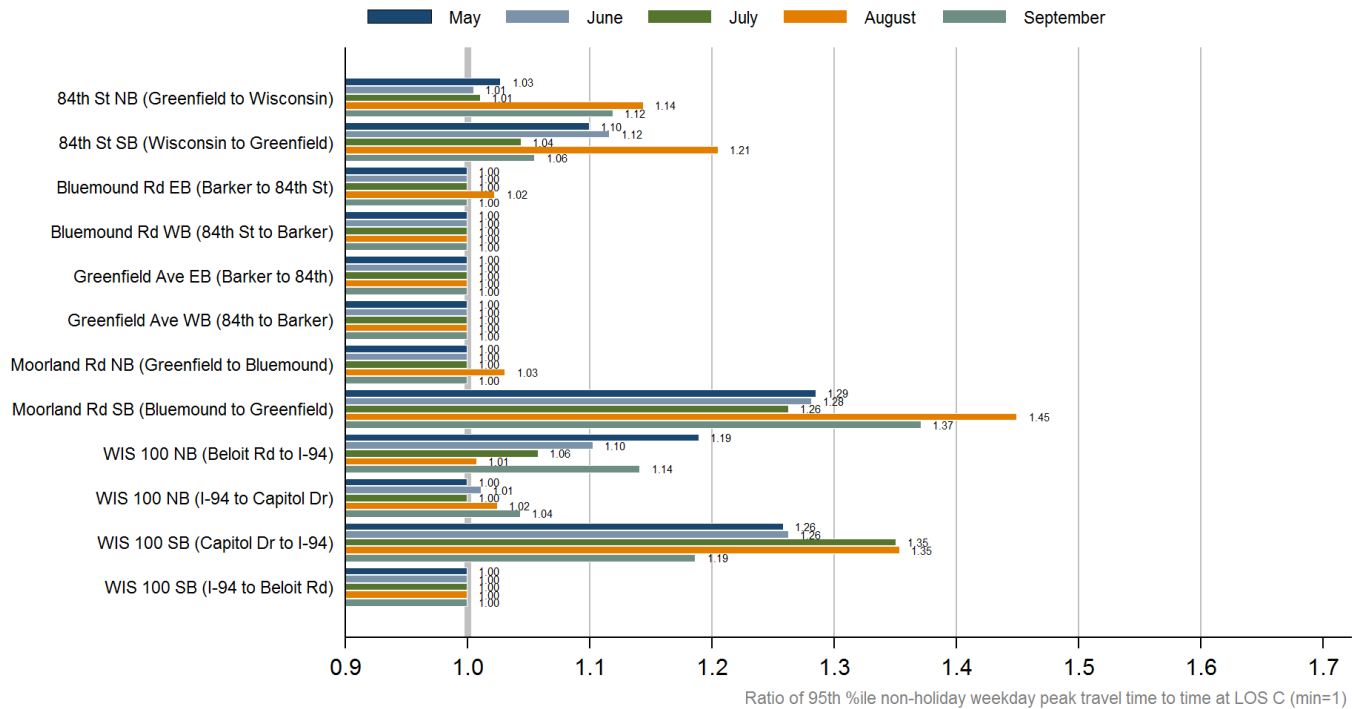


I-41 at Cleveland Avenue SB

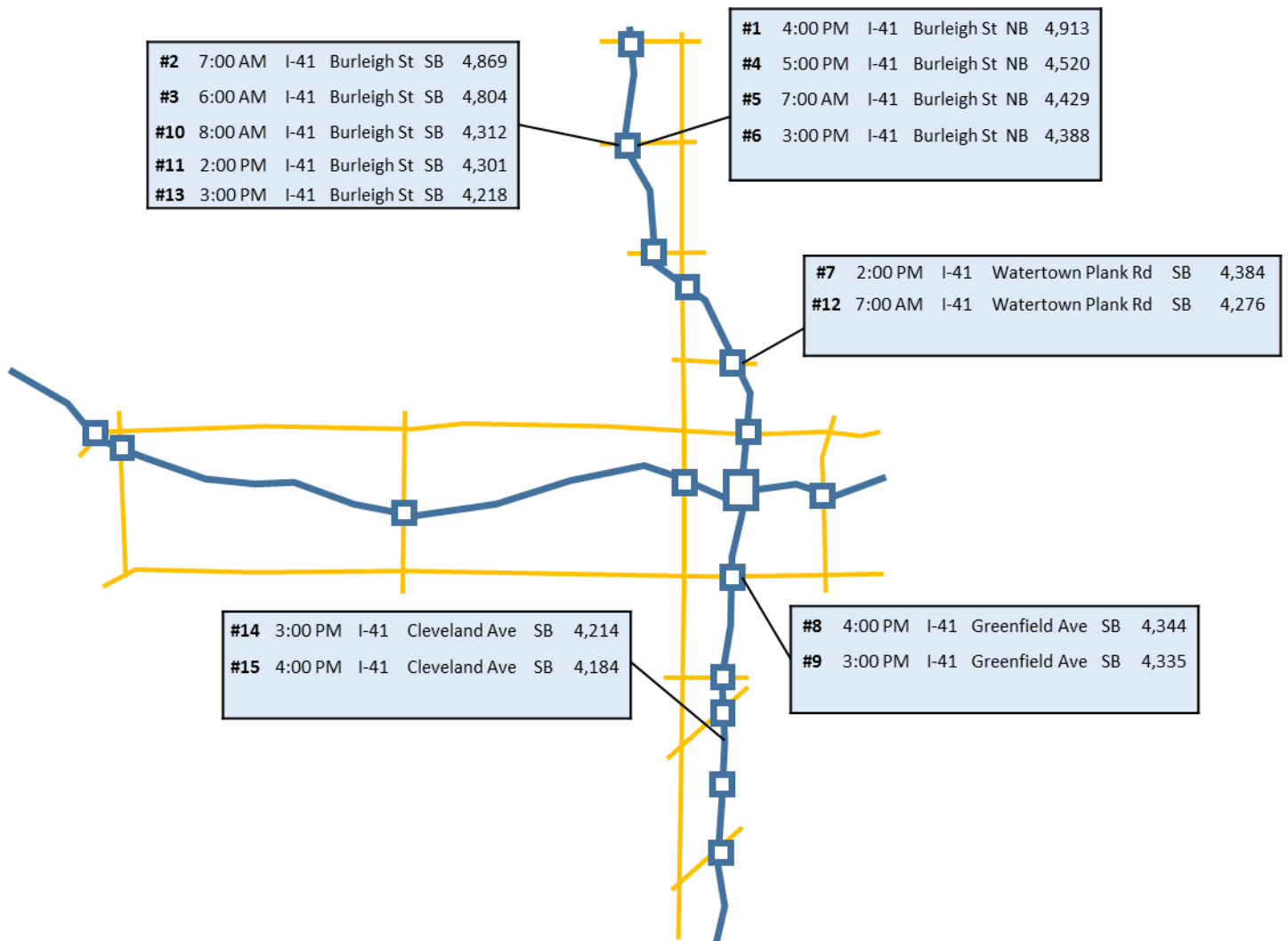


Notes: Volumes are an average of weekday volumes (Monday through Friday). No holidays.

PLANNING TIME INDEX (PTI)

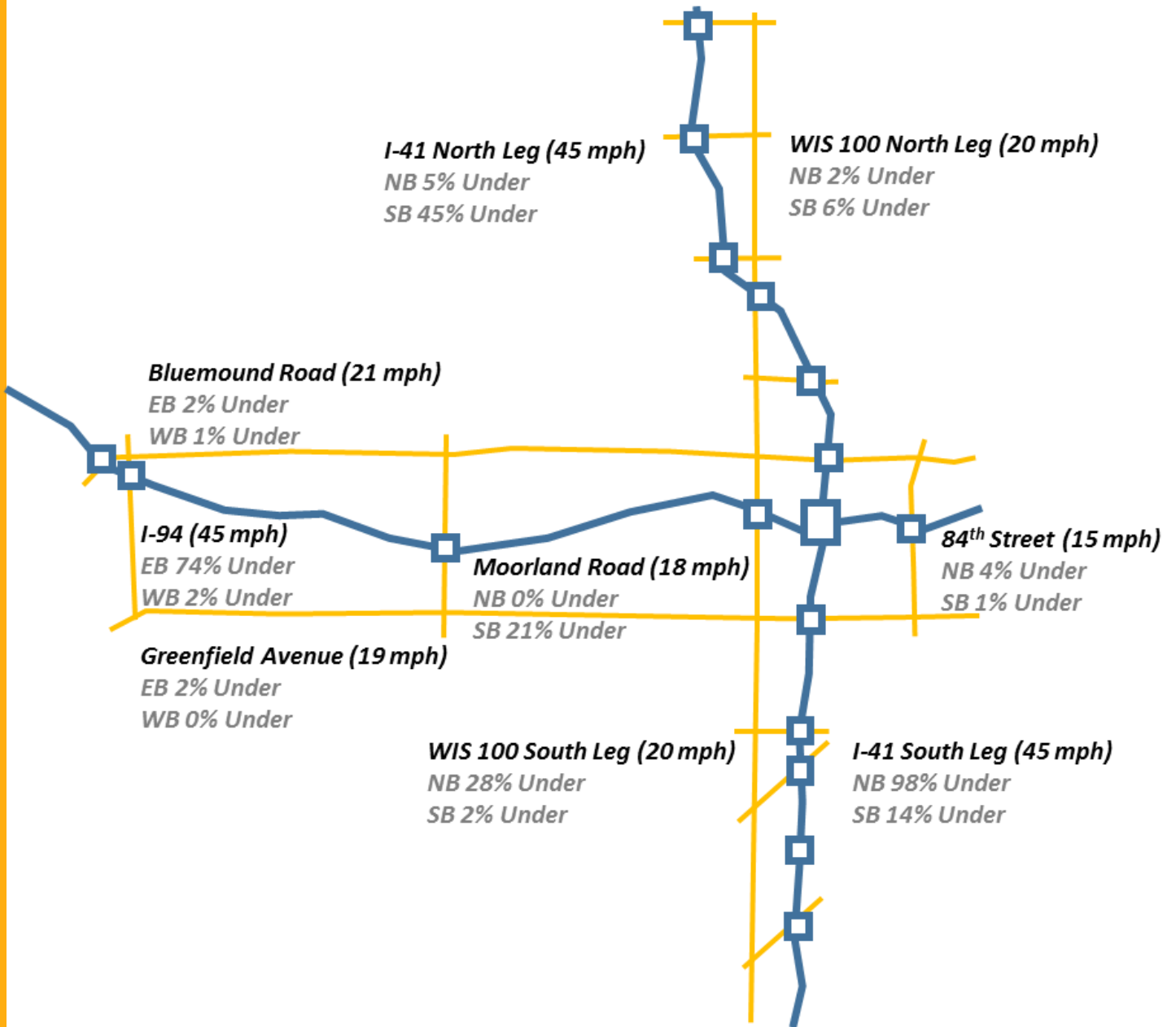


TOP TRAFFIC VOLUME HOURS—FREEWAYS



Notes: Volume hours averaged over the month.
Weekdays, Non-holidays

PERCENT UNDER A GIVEN SPEED THRESHOLD

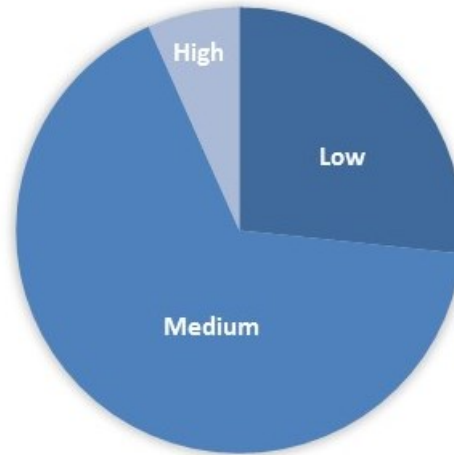


Notes: Percentages are peak hours [AM (6am to 9am) and PM (3pm to 6pm)] under the speed threshold noted next to each corridor.

Weekdays, Non-holidays

Arterial street actual speed compared to LOS C speed which is 50% of the posted speed limit. The freeway actual speed is compared to 45 mph.

DEVICE FAILURE IMPACT



| DEVICE | LOCATION | DAYS OUT | AADT | TOTAL VEHICLES | IMPACT |
|--------------|------------------------------------|----------|---------|----------------|--------|
| CCTV-40-0036 | I-41 @ Bluemound Rd | 1 | 140,000 | 140,000 | Medium |
| CCTV-40-0041 | I-41 @ Burleigh St | 1 | 140,000 | 140,000 | Medium |
| CCTV-40-0099 | I-94 @ I-41 (Zoo) | 1 | 156,000 | 156,000 | Medium |
| CCTV-40-0101 | I-94 @ I-41 High Mast | 1 | 156,000 | 156,000 | Medium |
| CCTV-40-0190 | Bluemound Rd @ 124th St | 1 | 28,600 | 28,600 | Low |
| CCTV-40-0191 | Bluemound Rd @ 114th St | 1 | 24,900 | 24,900 | Low |
| CCTV-67-0004 | I-94 @ Moorland Rd | 1 | 127,000 | 127,000 | Medium |
| DMS-40-0115 | WIS 100 SB @ N of Bluemound Rd | 1 | 37,900 | 37,900 | Low |
| DMS-67-0124 | Bluemound Rd WB @ E of Moorland Rd | 1 | 34,000 | 34,000 | Low |
| RM-40-0007 | I-94 EB @ 68th St | 3 | 157,000 | 471,000 | Medium |
| RM-40-0010 | I-94 WB @ 84th St | 1 | 157,000 | 157,000 | Medium |
| RM-40-0026 | I-41 SB @ North Ave | 1 | 140,000 | 140,000 | Medium |
| RM-40-0044 | I-41/894 SB @ National Ave | 1 | 111,000 | 111,000 | Medium |
| RM-40-0104 | I-41 NB @ North Ave | 5 | 140,000 | 700,000 | High |
| RM-67-0043 | I-94 EB @ Moorland Rd NB | 1 | 127,000 | 127,000 | Medium |

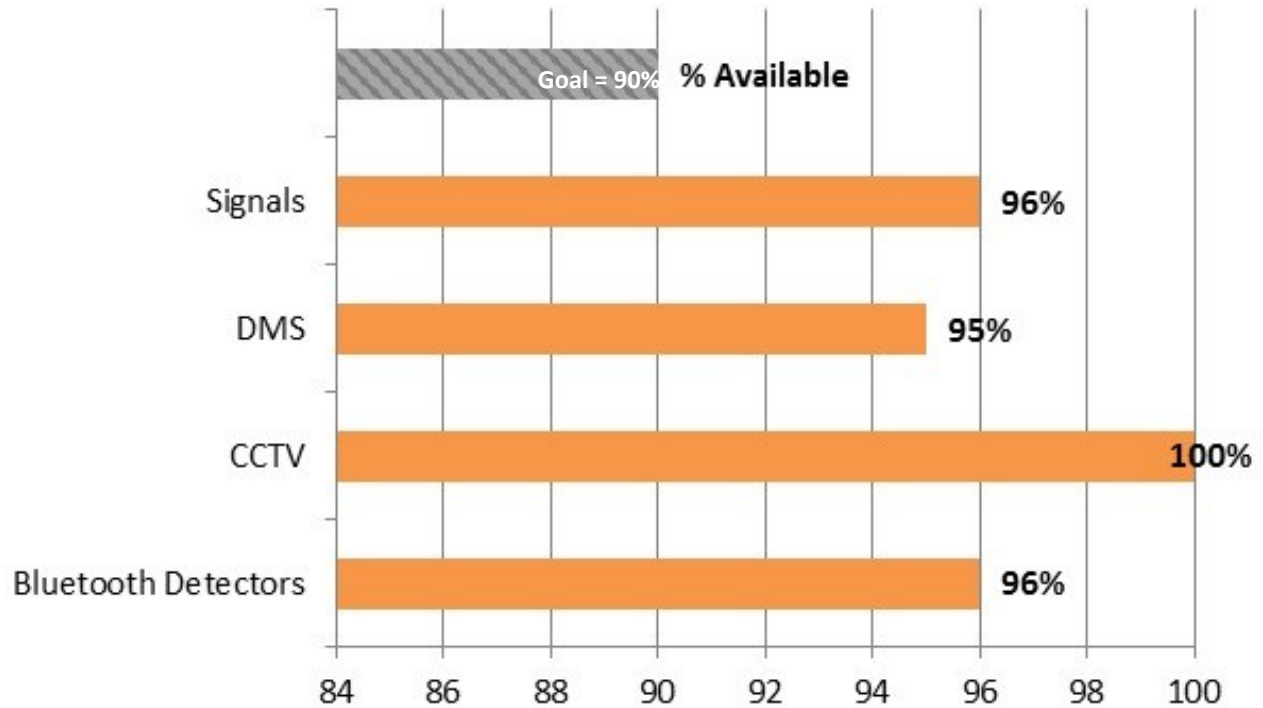
LOW <100,000
 MEDIUM 100,000 TO 500,000
 HIGH >500,000

Notes: Device Failure Impact tracks the status/health of an actual field device. This measure monitors the infrastructural investment and may assist with prioritizing response.

MAJOR COMMUNICATION FAILURE IMPACT

None for the month of September.

DEVICE COMMUNICATION AVAILABILITY



Measure Summary

CCTV Outages

None

Signals Offline

Wisconsin Ave @ 95th St – Unmanaged
Bluemound Rd @ Jennifer

Bluetooth Offline

WIS 100 @ Theo Trecker

Notes: Device Communication Availability tracks the status/health of communication infrastructure that services field devices. Unmanaged signals are offline due to construction or maintenance activities.

Appendix

Mobility

| Performance Measure | Previous Month | Current Month | Target | Target Met | Last 3 Months | Trend* |
|--|----------------|---------------|--------|------------|---------------|--------|
| CORRIDOR AVERAGE TRAVEL TIME (MIN:SEC) | | | | | | |
| Bluemound Road—84th Street to Barker Road (EB) AM | 16:06 | 15:09 | 22:00 | ✓ | 15:57 | ↑ |
| Bluemound Road—84th Street to Barker Road (EB) PM | 14:03 | 13:49 | 22:00 | ✓ | 14:05 | |
| Bluemound Road—84th Street to Barker Road (WB) AM | 17:12 | 16:06 | 22:00 | ✓ | 17:03 | ↑ |
| Bluemound Road—84th Street to Barker Road (WB) PM | 14:29 | 13:49 | 22:00 | ✓ | 14:25 | ↑ |
| I-94—84th Street to Barker Road (EB) AM | 10:21 | 10:31 | 10:08 | | 10:25 | |
| I-94—84th Street to Barker Road (EB) PM | 12:32 | 11:40 | 10:08 | | 12:51 | ↑ |
| I-94—84th Street to Barker Road (WB) AM | 08:04 | 08:06 | 10:08 | ✓ | 08:01 | |
| I-94—84th Street to Barker Road (WB) PM | 08:28 | 08:24 | 10:08 | ✓ | 08:22 | |
| Greenfield Avenue—84th Street to Barker Road (EB) AM | 15:52 | 14:47 | 23:41 | ✓ | 15:26 | ↑ |
| Greenfield Avenue—84th Street to Barker Road (EB) PM | 15:23 | 14:51 | 23:41 | ✓ | 15:17 | ↑ |
| Greenfield Avenue—84th Street to Barker Road (WB) AM | 15:35 | 15:13 | 23:41 | ✓ | 15:29 | |
| Greenfield Avenue—84th Street to Barker Road (WB) PM | 15:23 | 15:10 | 23:41 | ✓ | 15:21 | |
| WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) AM | 09:50 | 09:21 | 12:12 | ✓ | 09:38 | |
| WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) PM | 08:09 | 08:06 | 12:12 | ✓ | 08:12 | |
| WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) AM | 09:18 | 08:55 | 12:12 | ✓ | 09:18 | |
| WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) PM | 08:58 | 08:54 | 12:12 | ✓ | 09:04 | |
| I-41—Capitol Drive to I-94 (NB) AM | 05:17 | 05:15 | 06:24 | ✓ | 05:14 | |
| I-41—Capitol Drive to I-94 (NB) PM | 05:36 | 05:27 | 06:24 | ✓ | 05:29 | |
| I-41—Capitol Drive to I-94 (SB) AM | 06:09 | 06:32 | 06:24 | | 06:07 | |
| I-41—Capitol Drive to I-94 (SB) PM | 14:00 | 10:52 | 06:24 | | 12:25 | ↑ |
| WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) AM | 9:39 | 8:38 | 11:36 | ✓ | 9:28 | ↑ |
| WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) PM | 07:43 | 07:47 | 11:36 | ✓ | 07:43 | |
| WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) AM | 08:54 | 08:51 | 11:36 | ✓ | 08:57 | |
| WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) PM | 08:19 | 08:09 | 11:36 | ✓ | 08:14 | |
| I-41—I-94 to Beloit Road (NB) AM | 06:04 | 06:48 | 04:24 | | 06:19 | ↓ |
| I-41—I-94 to Beloit Road (NB) PM | 05:36 | 05:44 | 04:24 | | 05:31 | |
| I-41—I-94 to Beloit Road (SB) AM | 03:08 | 03:16 | 04:24 | ✓ | 03:12 | |
| I-41—I-94 to Beloit Road (SB) PM | 04:38 | 03:50 | 04:24 | ✓ | 04:11 | ↑ |
| Moorland Road (NB) AM | 03:15 | 02:59 | 04:36 | ✓ | 03:10 | |
| Moorland Road (NB) PM | 02:39 | 02:40 | 04:36 | ✓ | 02:39 | |
| Moorland Road (SB) AM | 03:32 | 03:26 | 04:36 | ✓ | 03:31 | |
| Moorland Road (SB) PM | 02:57 | 03:03 | 04:36 | ✓ | 02:59 | |
| 84th Street (NB) AM | 05:05 | 04:37 | 06:12 | ✓ | 04:49 | |
| 84th Street (NB) PM | 04:24 | 04:05 | 06:12 | ✓ | 04:12 | |
| 84th Street (SB) AM | 04:57 | 04:35 | 06:12 | ✓ | 04:46 | |
| 84th Street (SB) PM | 04:23 | 03:57 | 06:12 | ✓ | 04:07 | ↑ |

*Trend = difference of 30 seconds or more from previous to current month

Mobility

| Performance Measure | Previous Month | Current Month | Target | Target Met | Last 3 Months | Trend* |
|--|----------------|---------------|--------|------------|---------------|--------|
| CORRIDOR AVERAGE SPEED (MPH) | | | | | | |
| Bluemound Road—84th Street to Barker Road (EB) AM | 29 | 30 | 21 | ✓ | 29 | |
| Bluemound Road—84th Street to Barker Road (EB) PM | 33 | 33 | 21 | ✓ | 33 | |
| Bluemound Road—84th Street to Barker Road (WB) AM | 27 | 29 | 21 | ✓ | 27 | |
| Bluemound Road—84th Street to Barker Road (WB) PM | 27 | 33 | 21 | ✓ | 30 | ↑ |
| I-94—84th Street to Barker Road (EB) AM | 45 | 44 | 45 | | 45 | |
| I-94—84th Street to Barker Road (EB) PM | 37 | 40 | 45 | | 36 | |
| I-94—84th Street to Barker Road (WB) AM | 57 | 57 | 45 | ✓ | 57 | |
| I-94—84th Street to Barker Road (WB) PM | 55 | 55 | 45 | ✓ | 55 | |
| Greenfield Avenue—84th Street to Barker Road (EB) AM | 28 | 31 | 19 | ✓ | 29 | |
| Greenfield Avenue—84th Street to Barker Road (EB) PM | 29 | 31 | 19 | ✓ | 30 | |
| Greenfield Avenue—84th Street to Barker Road (WB) AM | 29 | 30 | 19 | ✓ | 29 | |
| Greenfield Avenue—84th Street to Barker Road (WB) PM | 29 | 30 | 19 | ✓ | 29 | |
| WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) AM | 25 | 27 | 20 | ✓ | 26 | |
| WIS 100 NORTH LEG—Capitol Drive to I-94 (NB) PM | 31 | 31 | 20 | ✓ | 31 | |
| WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) AM | 27 | 28 | 20 | ✓ | 27 | |
| WIS 100 NORTH LEG—Capitol Drive to I-94 (SB) PM | 28 | 28 | 20 | ✓ | 28 | |
| I-41—Capitol Drive to I-94 (NB) AM | 55 | 55 | 45 | ✓ | 55 | |
| I-41—Capitol Drive to I-94 (NB) PM | 54 | 54 | 45 | ✓ | 54 | |
| I-41—Capitol Drive to I-94 (SB) AM | 48 | 43 | 45 | | 48 | ↓ |
| I-41—Capitol Drive to I-94 (SB) PM | 22 | 47 | 45 | ✓ | 31 | ↑ |
| WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) AM | 24 | 26 | 20 | ✓ | 24 | |
| WIS 100 SOUTH LEG—I-94 to Beloit Road (NB) PM | 29 | 29 | 20 | ✓ | 29 | |
| WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) AM | 25 | 26 | 20 | ✓ | 25 | |
| WIS 100 SOUTH LEG—I-94 to Beloit Road (SB) PM | 27 | 28 | 20 | ✓ | 28 | |
| I-41—I-94 to Beloit Road (NB) AM | 30 | 27 | 45 | | 29 | |
| I-41—I-94 to Beloit Road (NB) PM | 32 | 32 | 45 | | 33 | |
| I-41—I-94 to Beloit Road (SB) AM | 57 | 55 | 45 | ✓ | 57 | |
| I-41—I-94 to Beloit Road (SB) PM | 39 | 47 | 45 | ✓ | 44 | ↑ |
| Moorland Road (NB) AM | 24 | 26 | 18 | ✓ | 25 | |
| Moorland Road (NB) PM | 29 | 29 | 18 | ✓ | 29 | |
| Moorland Road (SB) AM | 22 | 23 | 18 | ✓ | 22 | |
| Moorland Road (SB) PM | 26 | 26 | 18 | ✓ | 26 | |
| 84th Street (NB) AM | 18 | 20 | 15 | ✓ | 19 | |
| 84th Street (NB) PM | 21 | 22 | 15 | ✓ | 22 | |
| 84th Street (SB) AM | 19 | 20 | 15 | ✓ | 19 | |
| 84th Street (SB) PM | 22 | 24 | 15 | ✓ | 23 | |

*Trend = difference of 4 mph or more from previous to current month

Mobility

| Performance Measure | Previous Month | Current Month | Target | Target Met | Last 3 Months | Trend* |
|--|----------------|---------------|--------|------------|---------------|--------|
| DIRECTIONAL VOLUMES OF FREEWAYS (ADT) | | | | | | |
| I-94 & 84th Street WB | 59,226 | 56,650 | | | 58,724 | |
| I-94 & 84th Street EB | 53,083 | 53,027 | | | 53,573 | |
| I-94 & WIS 100 WB | 59,082 | 58,820 | | | 59,885 | |
| I-94 & WIS 100 EB | 49,027 | 68,032 | | | 59,221 | ↑ |
| I-94 & Moorland Road WB | 50,038 | 49,202 | | | 50,631 | |
| I-94 & Moorland Road EB | 41,792 | 40,605 | | | 42,006 | |
| I-94 & Barker Road EB | 46,062 | 43,591 | | | 45,676 | |
| I-94 & Barker Road WB | n/a | n/a | | | n/a | |
| I-41 & Bluemound Road NB | n/a | n/a | | | n/a | |
| I-41 & Bluemound Road SB | n/a | n/a | | | n/a | |
| I-41 & Burleigh Street NB | 66,209 | n/a | | | 67,556 | |
| I-41 & Burleigh Street SB | 65,424 | 63,803 | | | 65,091 | |
| I-41 & Watertown Plank Road NB | 59,127 | 54,113 | | | 59,088 | ↓ |
| I-41 & Watertown Plank Road SB | 63,819 | 62,504 | | | 63,770 | |
| I-41 & Greenfield Avenue NB | n/a | n/a | | | n/a | |
| I-41 & Greenfield Avenue SB | 57,313 | 56,595 | | | 57,560 | |
| I-41 & Oklahoma Avenue NB | 57,906 | 53,205 | | | 55,041 | ↓ |
| I-41 & Oklahoma Avenue SB | 52,637 | 58,506 | | | 58,624 | ↑ |

*Trend = > 3000 ADT difference from previous to current month

Reliability

| Performance Measure | Previous Month | Current Month | Target | Target Met | Last 3 Months | Trend* |
|--|----------------|---------------|--------|------------|---------------|--------|
| PERCENT UNDER A GIVEN SPEED THRESHOLD (%) | | | <50% | | | |
| Bluemound Road (EB) | 4% | 2% | | ✓ | 3% | |
| Bluemound Road (WB) | 1% | 1% | | ✓ | 1% | |
| Greenfield Avenue (EB) | 1% | 2% | | ✓ | 1% | |
| Greenfield Avenue (WB) | 0% | 0% | | ✓ | 0% | |
| Moorland Road (NB) | 1% | 0% | | ✓ | 0% | |
| Moorland Road (SB) | 40% | 21% | | ✓ | 27% | ↑ |
| 84th Street (NB) | 14% | 4% | | ✓ | 6% | ↑ |
| 84th Street (SB) | 17% | 1% | | ✓ | 7% | ↑ |
| WIS 100 North Leg (NB) | 3% | 2% | | ✓ | 2% | |
| WIS 100 North Leg (SB) | 12% | 6% | | ✓ | 9% | ↑ |
| WIS 100 South Leg (NB) | 10% | 28% | | ✓ | 17% | ↓ |
| WIS 100 South Leg (SB) | 6% | 2% | | ✓ | 3% | |
| I-94 (EB) | 72% | 74% | | | 75% | |
| I-94 (WB) | 2% | 2% | | ✓ | 1% | |
| I-41 North Leg (NB) | 2% | 5% | | ✓ | 3% | |
| I-41 North Leg (SB) | 63% | 45% | | ✓ | 53% | ↑ |
| I-41 South Leg (NB) | 100% | 98% | | | 99% | |
| I-41 South Leg (SB) | 43% | 14% | | ✓ | 25% | ↑ |

*Trend = 5% or more difference from previous to current month